JC03 Rec'd PCT/PTO 1 8 APR 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		ection of information unless it displays a valid OMB control number.							
TRANSMITTAL LETTER TO THE UNITED STATES		ATTORNEY'S DOCKET NUMBER 021958-031WO							
DESIGNATED/ELECTED OFFICE (DO/EO/US CONCERNING A SUBMISSION UNDER 35 U.S.C.		U.S. APPLICATOR NO. (1 known see 37 CFR 1.5)							
INTERNATIONAL APPLICATION NO. PCT/EP2003/011565	INTERNATIONAL FILING DATE 17 October 2003 (17.10.03)	PRIORITY DATE CLAIMED 18 October 2002 (18.10.02)							
TITLE OF INVENTION	(16.16.62)								
	ETHOD AND DEVICE FOR DETERMINING A CHARACTERISTIC VALUE THAT IS REPRESENTATIVE OF THE CONDITION OF A GAS								
	PLICANT(S) FOR DO/EO/US Brekelmans, Kees, C., J., M., N. and VAN RIJSWIJK, Jan, Willem, J., W.								
pplicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. X This is a FIRST submission of it									
2. This is a SECOND or SUBSEQUE	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
	The US has been elected (Article 31).								
5. A copy of the International App	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. 🕱 is attached hereto (re	a. 🗴 is attached hereto (required only if not communicated by the International Bureau).								
b. has been communic	b. has been communicated by the International Bureau.								
c. is not required, as th	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language translation	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
a. is attached hereto.									
	submitted under 35 U.S.C. 154(d)(4).	·							
7. Amendments to the claims of t	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. x are attached hereto	a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been commur	b. have been communicated by the International Bureau.								
c. have not been mad	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been mad	d. have not been made and will not be made.								
8. An English language translation	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. An oath or declaration of the ir	ventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation Article 36 (35 U.S.C. 371(c)(5)	n of the annexes of the International Preliminary).	Examination Report under PCT .							
Items 11 to 20 below concern document	nent(s) or information included:								
11. An Information Disclosure Stat	ement under 37 CFR 1.97 and 1.98.								
12. An assignment document for n	ecording. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.									
14. An Application Data Sheet und	ler 37 CFR 1.76.								
15. A substitute specification.									
16. A power of attorney and/or cha	ange of address letter.								
17. A computer-readable form of the	ne sequence listing in accordance with PCT Rule	13 <i>ter.</i> 2 and 37 CFR 1.821- 1.825.							
18. A second copy of the published	d International Application under 35 U.S.C. 154(d	1)(4).							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

Other items or information: PCT Written Opinion

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PTO-1390 (Rev. 02-2005)

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U.S. APPLICAT	ION NO (if knowr	1, see 37 CFR 1. 1 			ATTORNEY'S DO	CKET NUMBER	
The following fees have been submitted					021958-031WO CALCULATIONS PTO USE ONLY		
21. 🔻 Basic national fee					\$ 300	PTO USE ONLY	
22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of							
PCT Article 33(1)-(4)					\$ 200		
23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 400		
TOTAL OF 21, 22 and 23 =					\$ 900		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)				
- 100 =	/50 =			x \$250	\$	·	
	0.00 for furnishing ate (37 CFR 1.492	\$					
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$		
Total claims	38	- 20 =	18	x \$ 50	\$ 900		
Independent clair	ms 2	- 3 =	0	x \$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$		
TOTAL OF ABOVE CALCULATIONS =					\$ 900		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							
SUBTOTAL =					\$ 1800		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$		
TOTAL NATIONAL FEE =					\$ 1800		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$		
TOTAL FEES ENCLOSED =					\$ 1800		
		Amount to be refunded:	\$				
					Amount to be charged:	\$	
a. A check in the amount of \$ to cover the above fees is enclosed.							
b. Please charge my Deposit Account No. 12-1322 in the amount of \$ 1800 to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1322 A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL COR	RESPONDENCE	> 4K, M	_				
Docket Coor	dinator	J WW VC					
Locke Liddell & Sapp LLP 600 Trovio D. Brit Nelso				1			
600 Travis 3400 JP Morgan Chase Tower NAME NAME							
Houston, TX 77002-3095 40,370							
REGISTRATION NUM							



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVING OFFICE

In re Applicants: § PCT NATIONAL APPLICATION
BREKELMANS, Kees, C., J., m., N. §

and VAN RIJSWIJK, Jan, Willem, J., W. §
Serial No.:

§
Serial No.:

Filed:
I.A. Serial No.: (PCT/EP03/011565)
I.A. Filing Date: 17 October 2003 (17.10.03)

For: METHOD AND DEVICE FOR
DETERMINING A CHARATERISTIC §
VALUE THAT IS REPRESENTATIVE §
OF THE CONDITION OF A GAS

Attorneys' Docket No. 021958-031WO

CERTIFICATE OF MAILING BY EXPRESS MAIL

MAIL STOP PCT Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 CFR 1.10, with the United States Postal Service "Express Mail Post Office to Addressee" service as Express Mail No. EV 566038172 US in an envelope addressed to: MAIL STOP PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

- (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 Form PTO-1390;
- (2) Copy of the International Application PCT/EP2003/011565;
- (3) Search Report
- (4) Written Opinion; and
- (5) Return receipt postcard.

Respectfully submitted,

Reg. No. 40,370

Date: April 18, 2005

LOCKE LIDDELL & SAPP LLP 600 Travis, Suite 3400 Houston, Texas 77002-3095 (713) 226-1142 Direct Number (713) 223-3717 Facsimile

HOUSTON: 021958.031WO: 999804v1